

FIG. 1

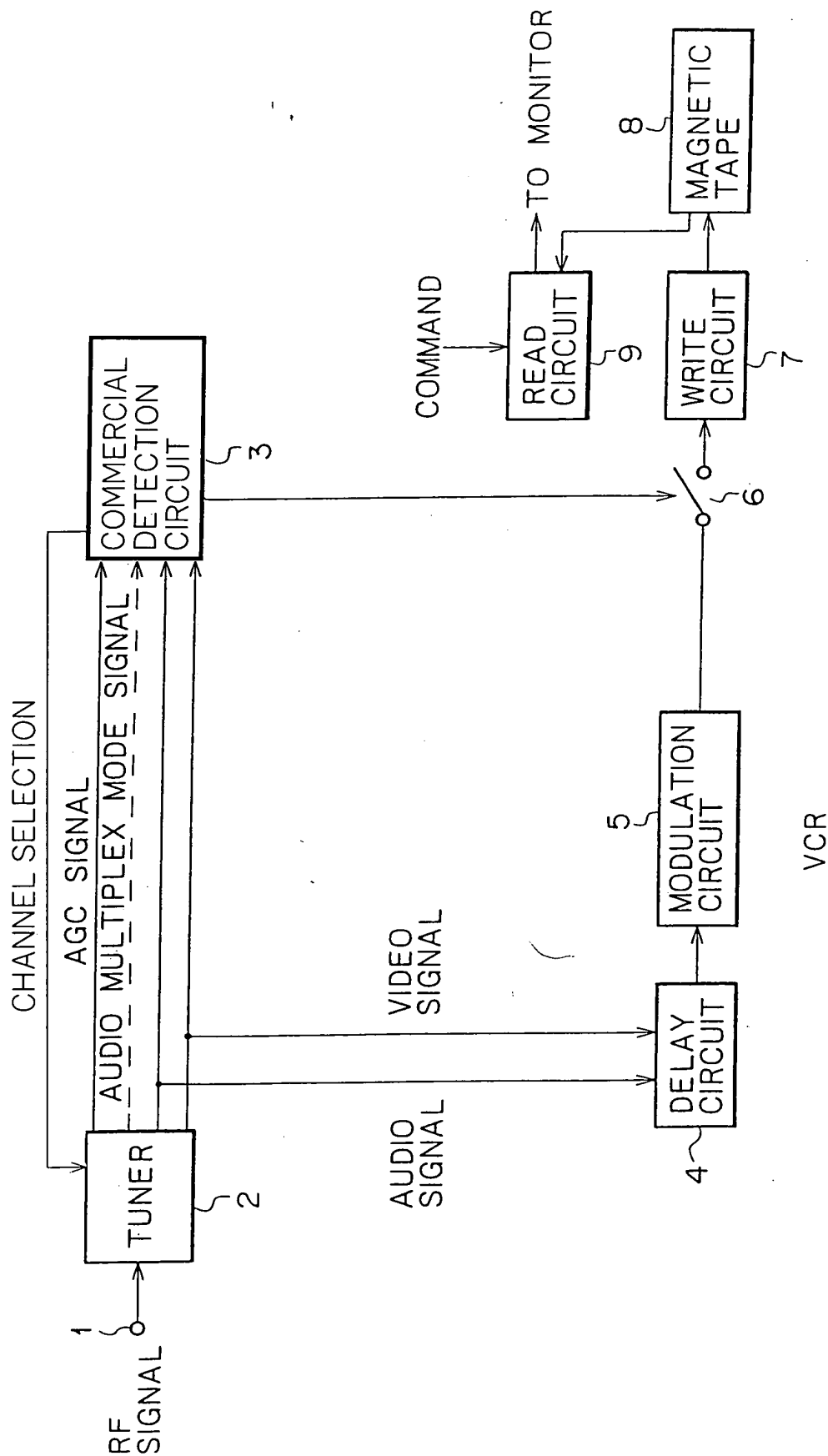


FIG. 2

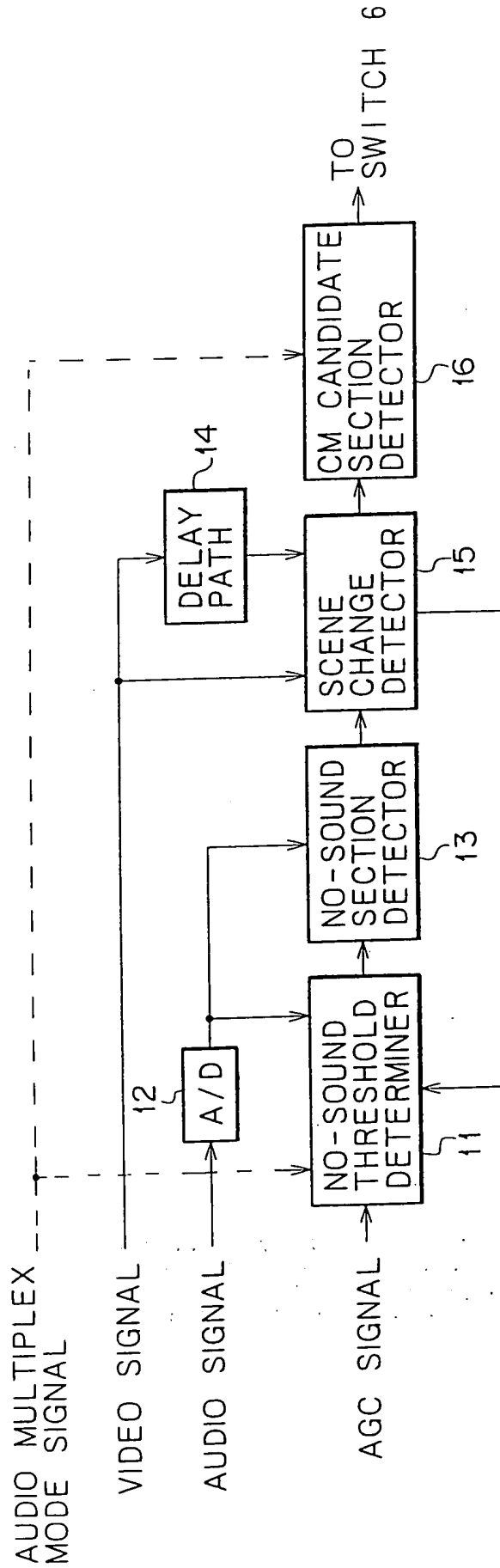


FIG. 3

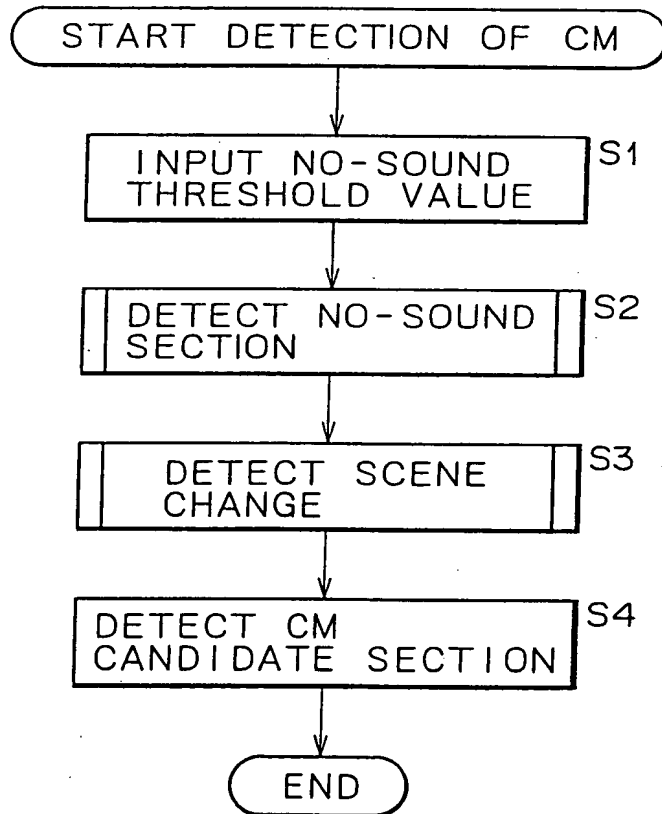
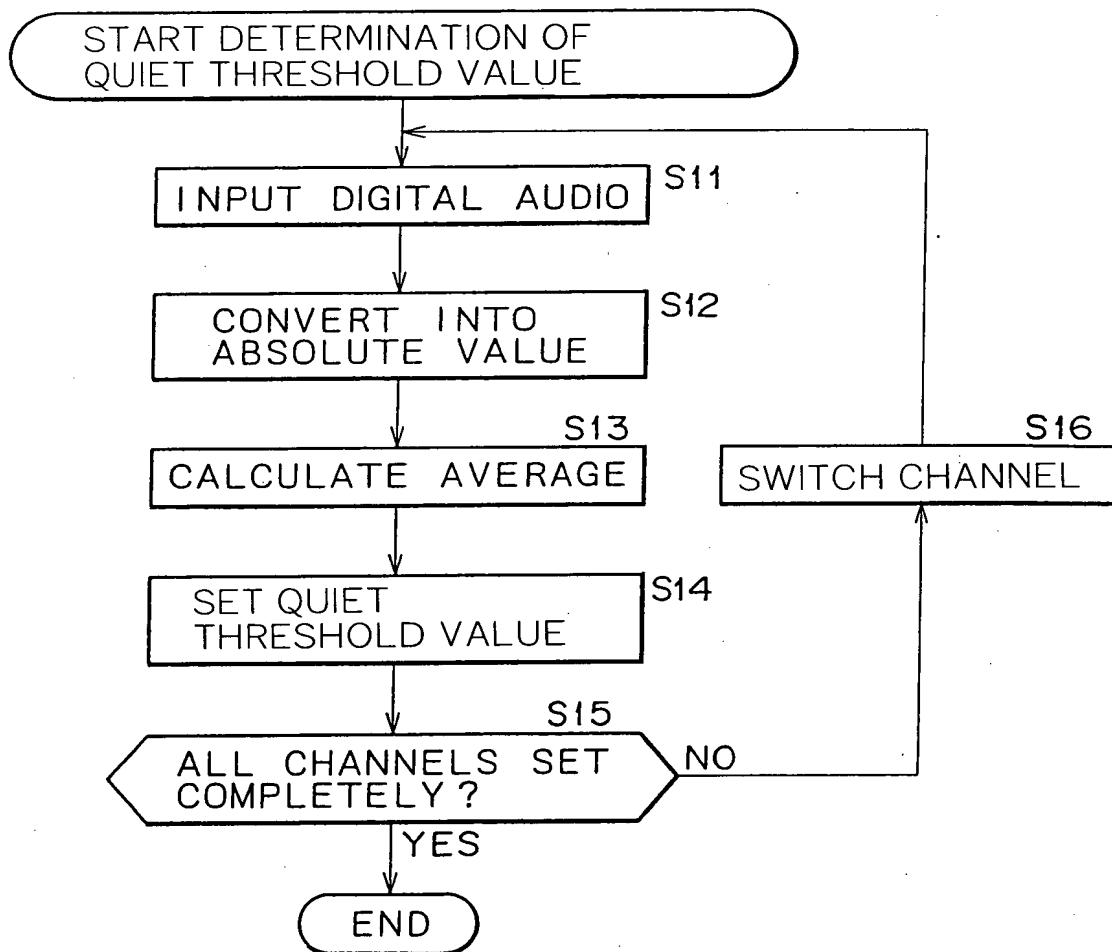


FIG. 4



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FIG. 5A

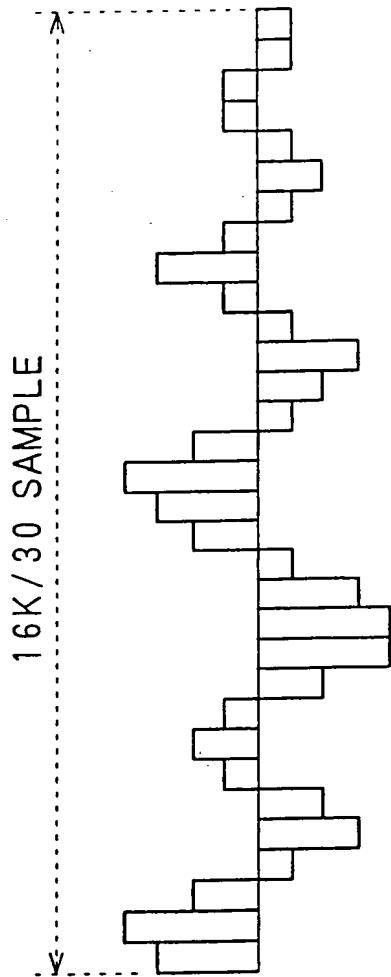


FIG. 5B

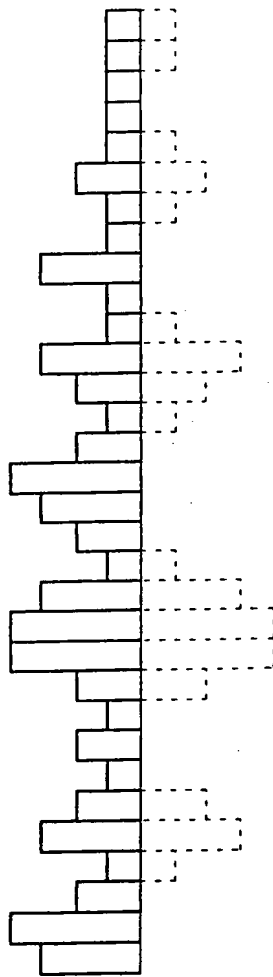
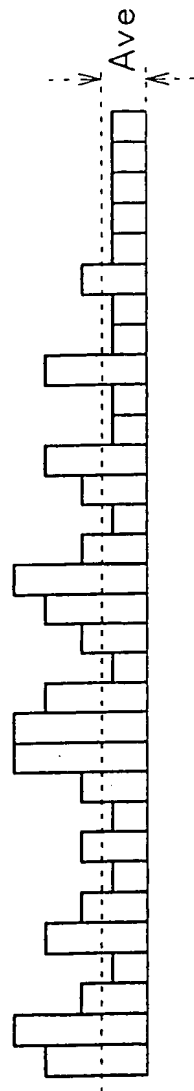


FIG. 5C



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FIG. 6

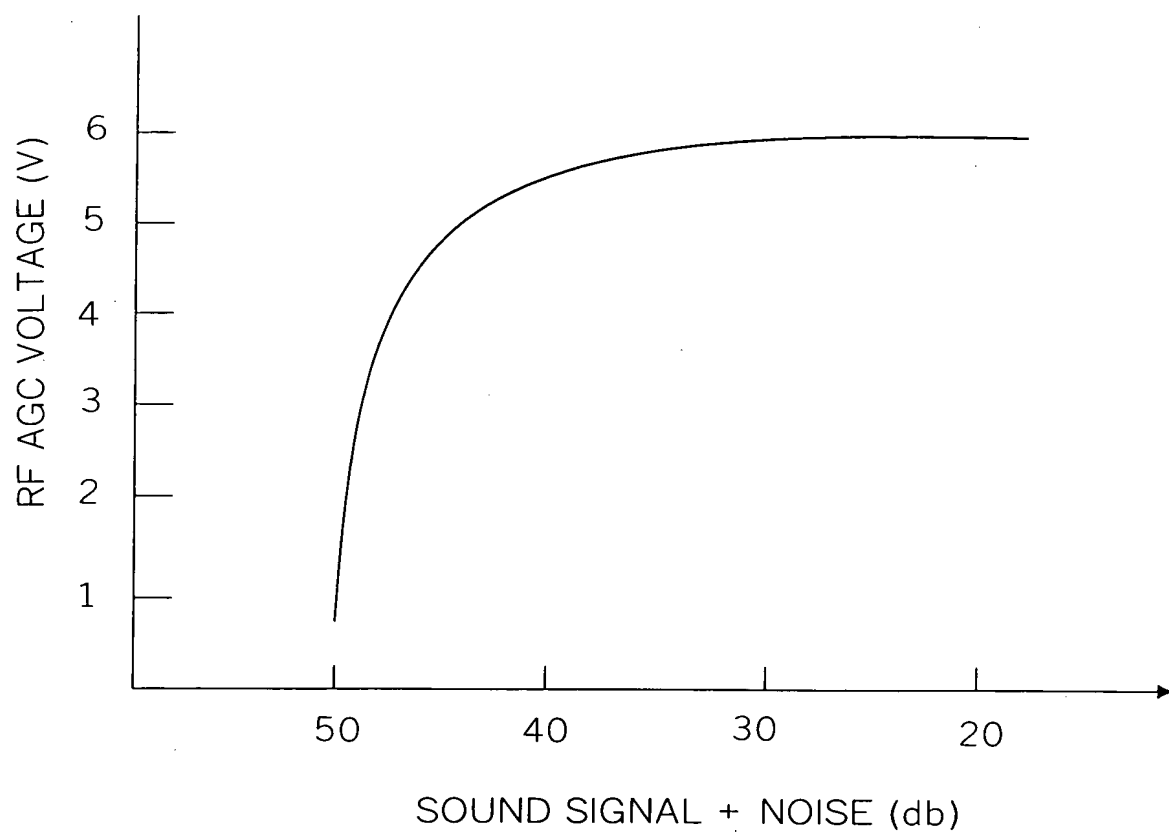
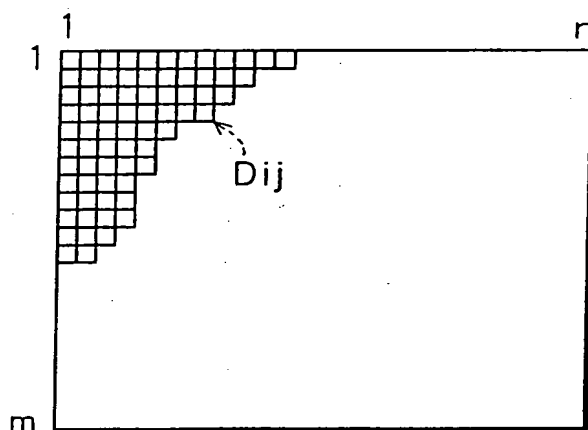


FIG. 7

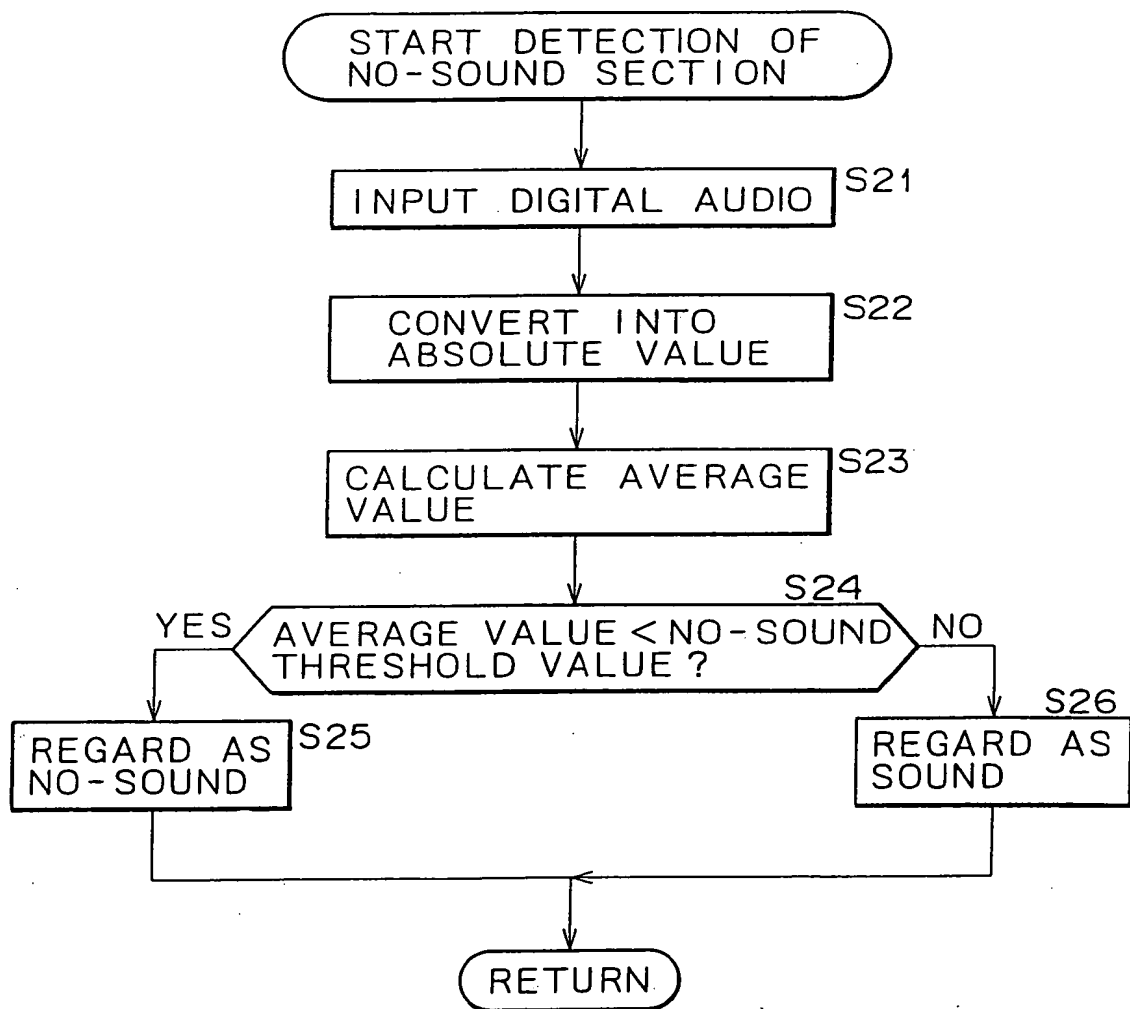
DELAYED IMAGE



$$Y_A = \frac{\sum_{i=1}^n \sum_{j=1}^m D_{ij}}{n \times m}$$

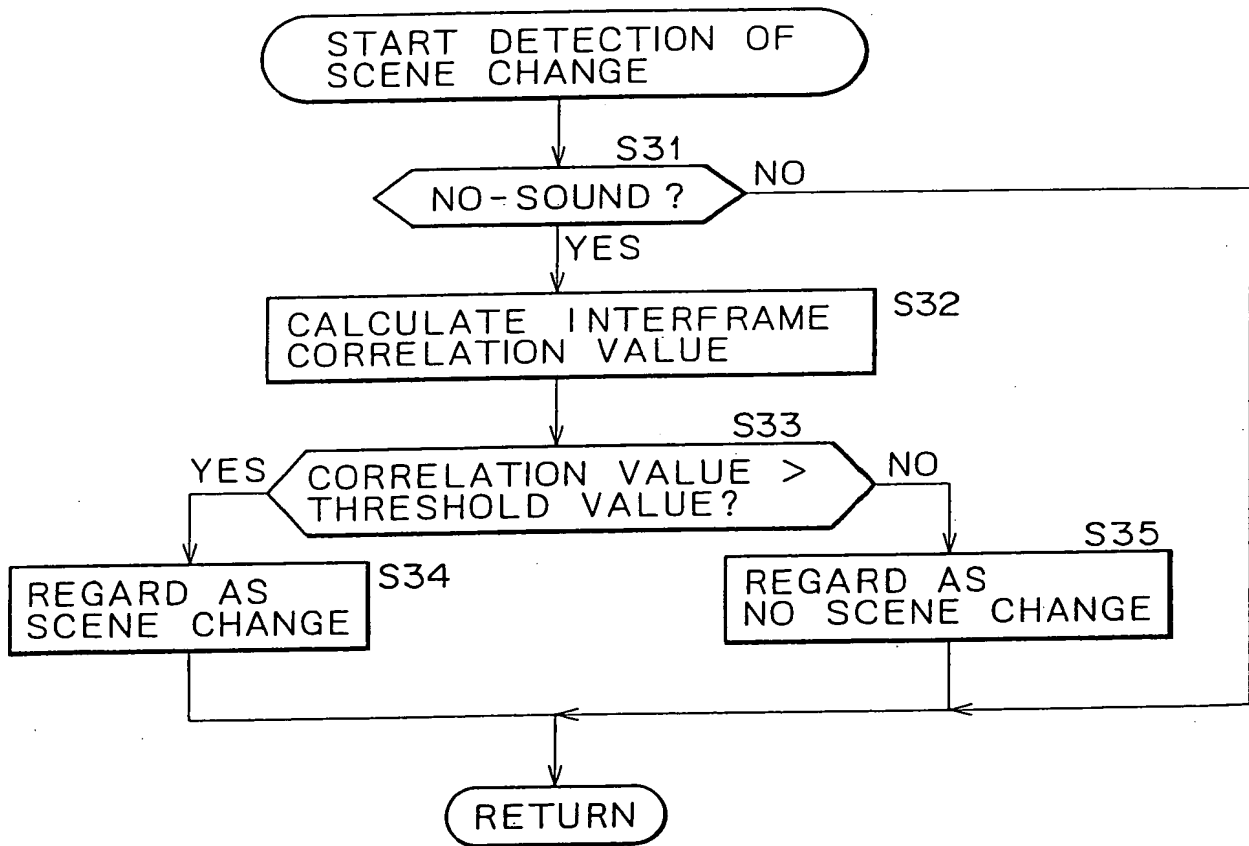
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FIG. 8



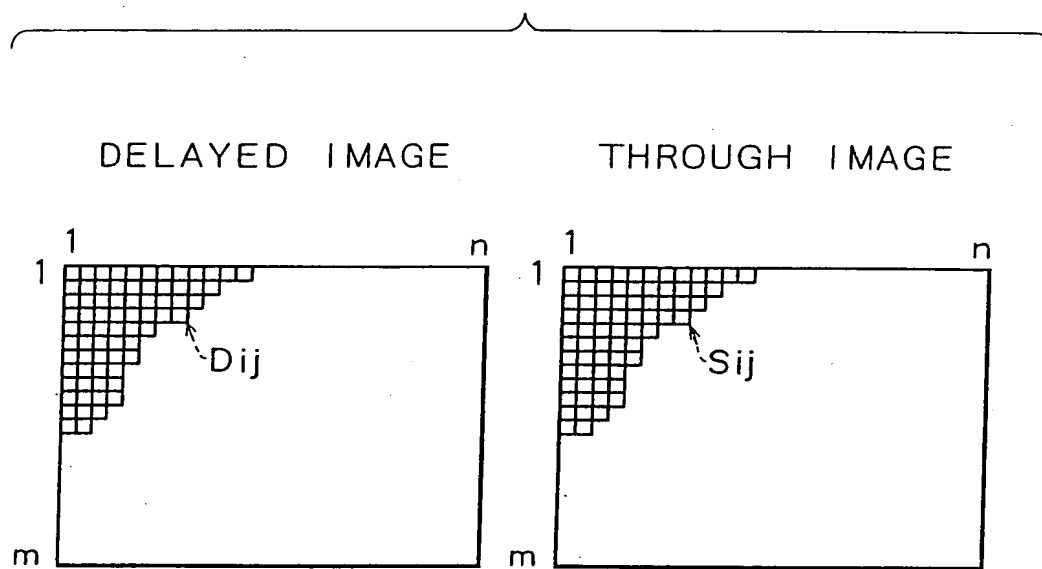
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FIG. 9



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FIG. 10



$$E = \sum_{i=1}^n \sum_{j=1}^m |D_{ij} - S_{ij}|$$

FIG.11

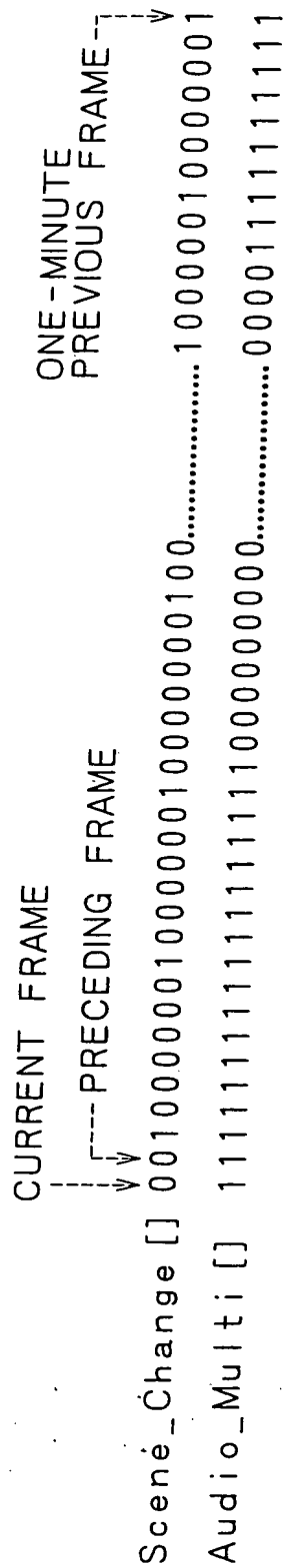


FIG. 12A

SCENE CHANGE
SECTION

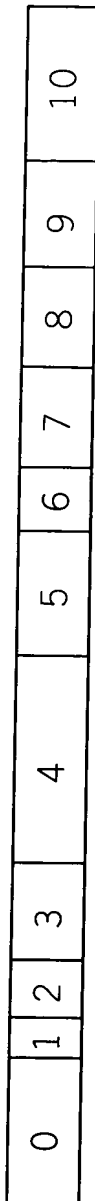
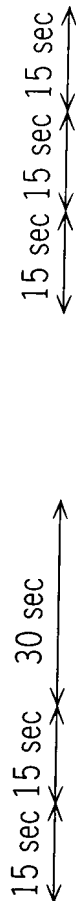


FIG. 12B

AUDIO MULTIPLEX
MODE SECTION

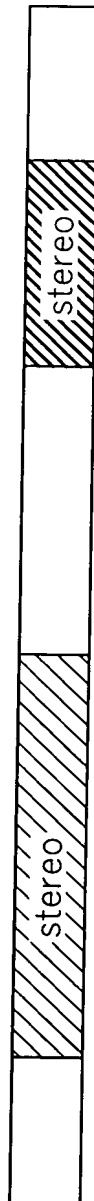


FIG. 12C

CM CANDIDATE
SECTION

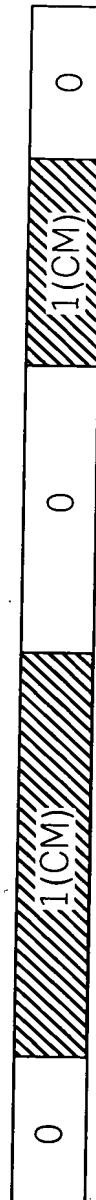


FIG.13

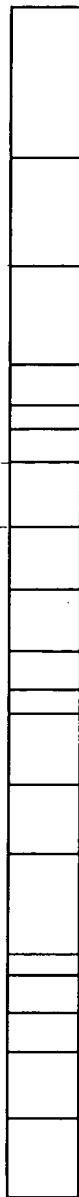
	CURRENT FRAME	ONE-MINUTE PREVIOUS FRAME
No_Sound []	011110001110000111100001100.....00001111000011	
Scene_Change []	0010000001000000100000010000000100.....10000010000001	
Audio_Multi []	1111111111111111111000000000.....0000111111111111	

FIG. 14A



NO-SOUND

FIG. 14B



SCENE CHANGE

FIG. 14C



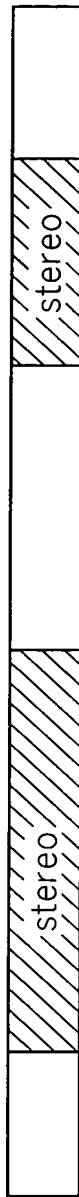
(A) AND (C)

FIG. 14D



GROUP

FIG. 14E



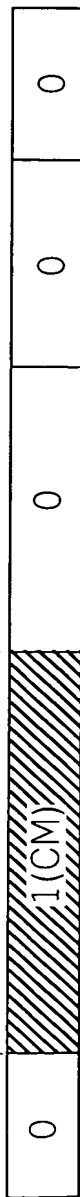
AUDIO MODE

FIG. 14F



CM CANDIDATE SECTION

FIG. 14G



RESULT OF CM DECISION

FIG. 15A

SCENE CHANGE
SECTION



0	1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	---	----

FIG. 15B

AUDIO MULTIPLEX
MODE SECTION

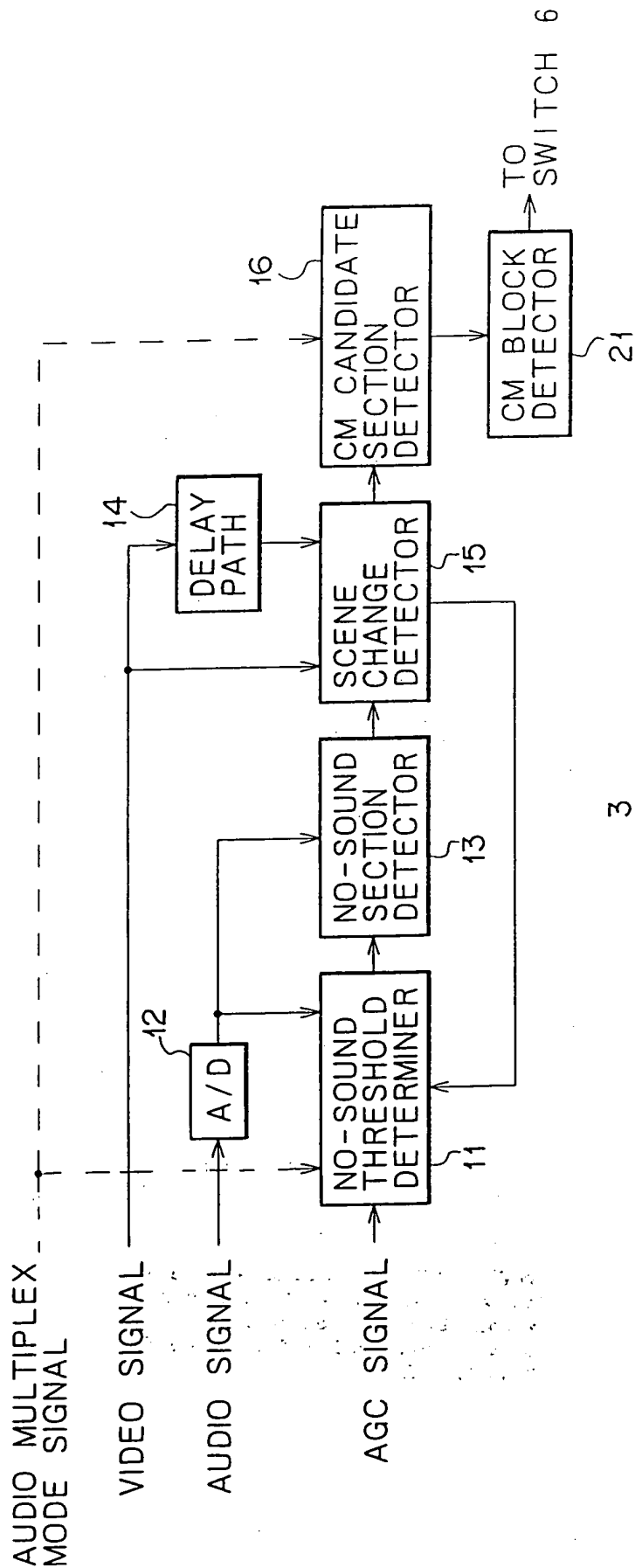


FIG. 15C

CM CANDIDATE
SECTION



FIG. 16



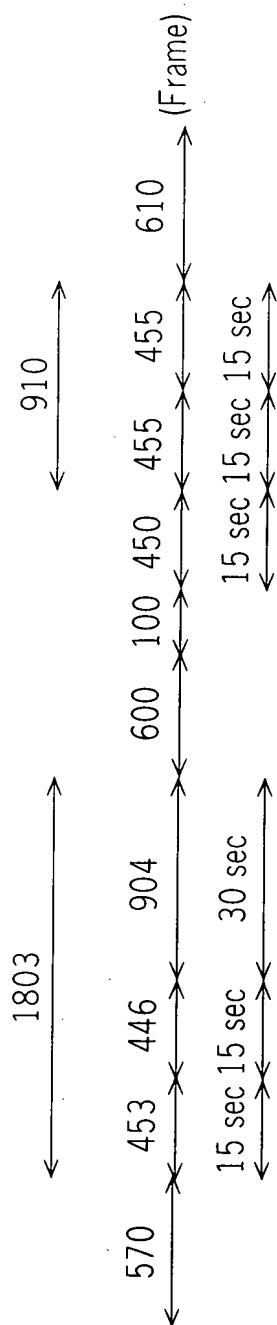


FIG. 17A

QUIET SCENE
CHANGE SECTIONS

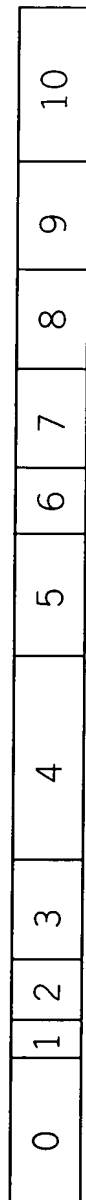


FIG. 17B

AUDIO MULTIPLEX
MODE SECTIONS



FIG. 17C

COMMERCIAL
CANDIDATE SECTIONS



FIG. 17D

COMMERCIAL
CANDIDATE BLOCKS

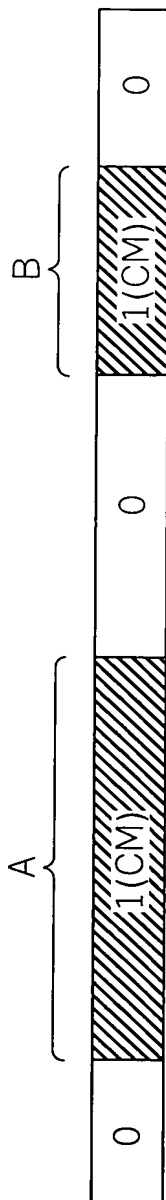


FIG. 17E

COMMERCIAL
BLOCK



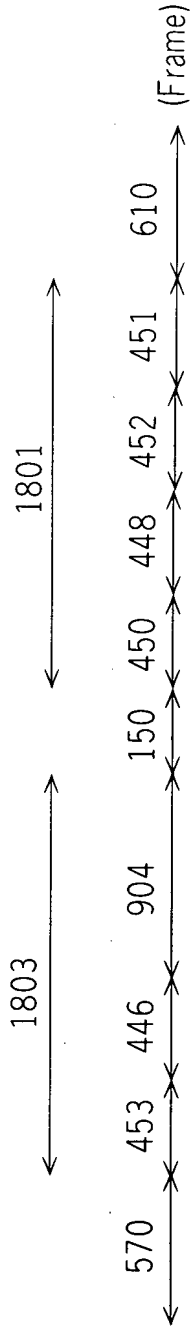


FIG. 18A

QUIET SCENE
CHANGE SECTIONS

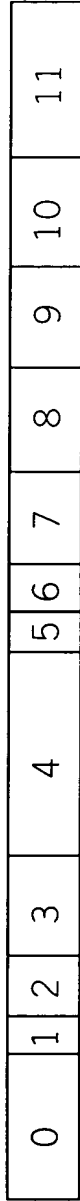


FIG. 18B

AUDIO MULTIPLEX
MODE SECTIONS

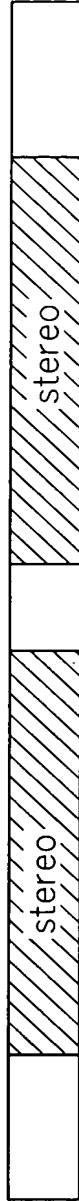


FIG. 18C

COMMERCIAL
CANDIDATE SECTIONS

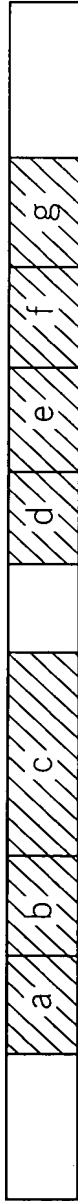


FIG. 18D

COMMERCIAL
CANDIDATE BLOCKS

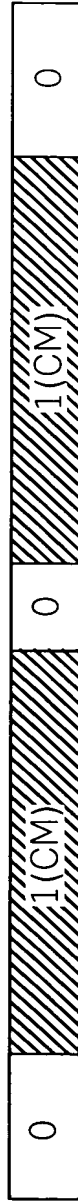


FIG. 18E

COMMERCIAL
BLOCK



FIG. 19

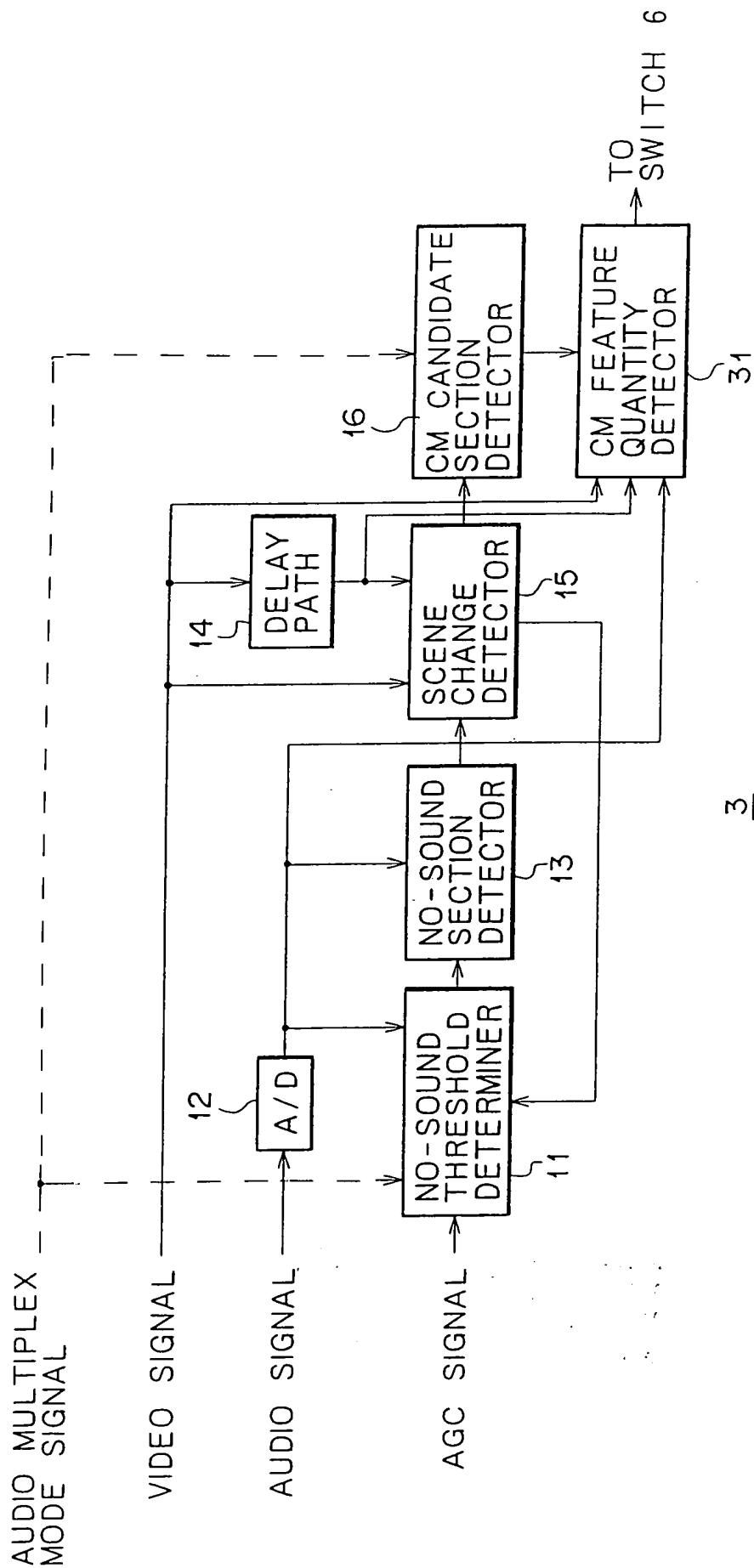
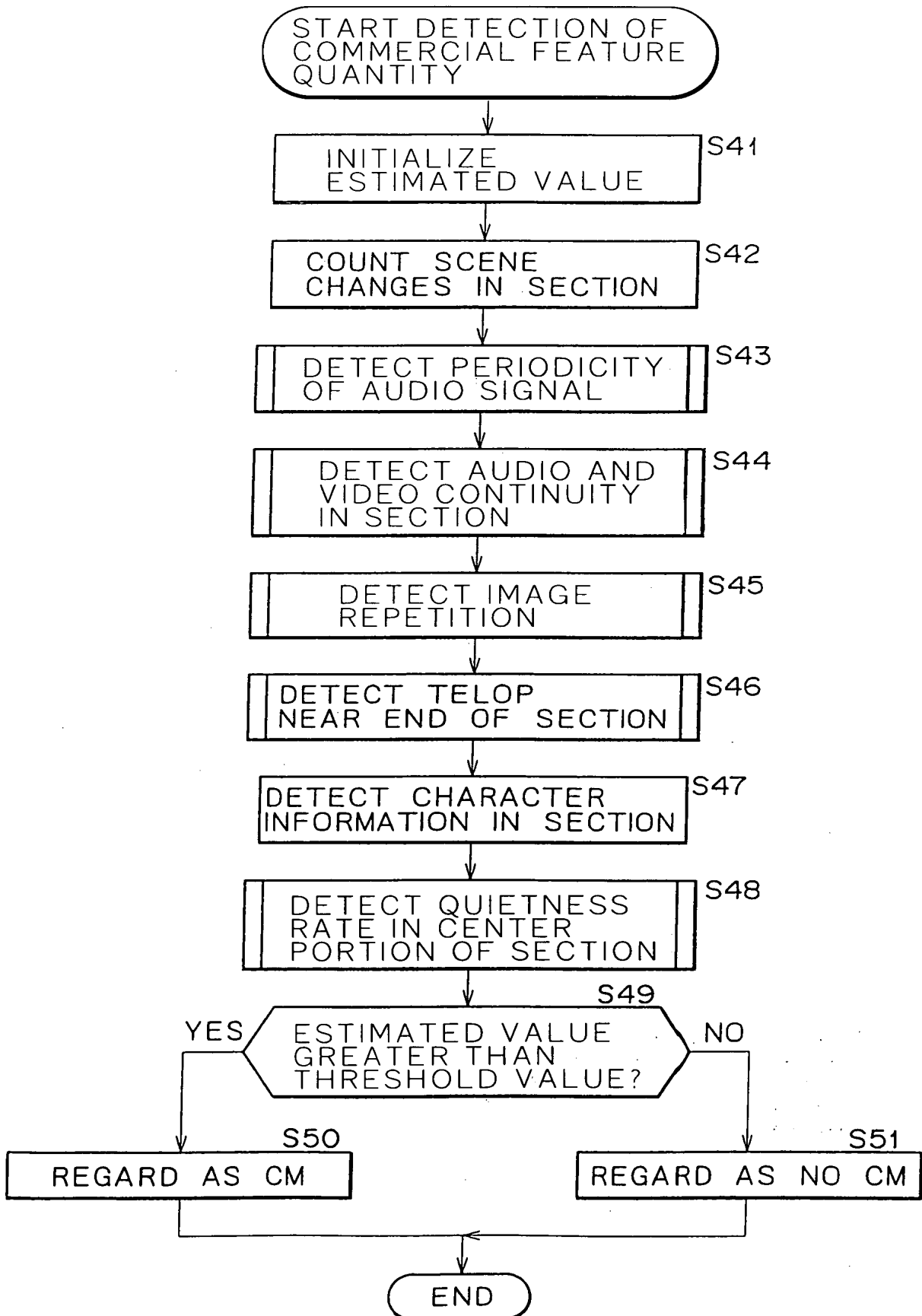
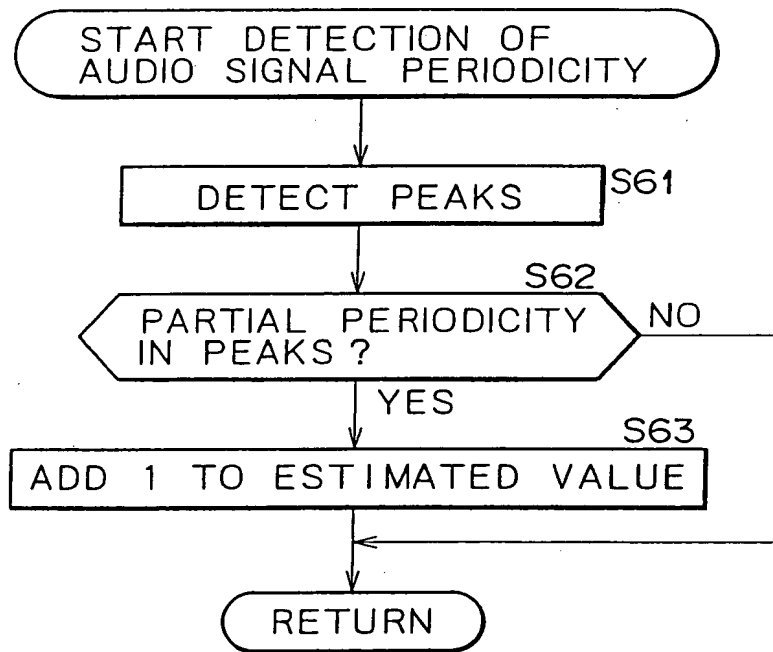


FIG. 20



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FIG. 21



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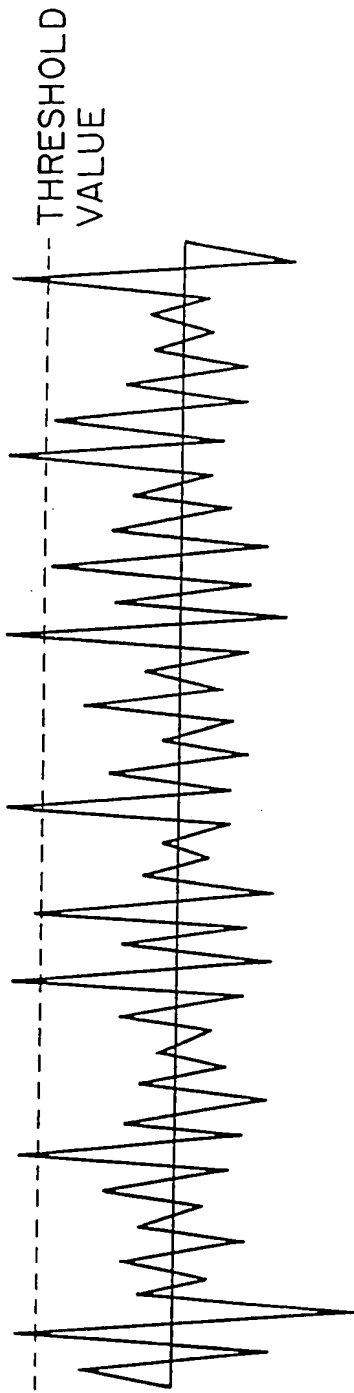


FIG. 22A

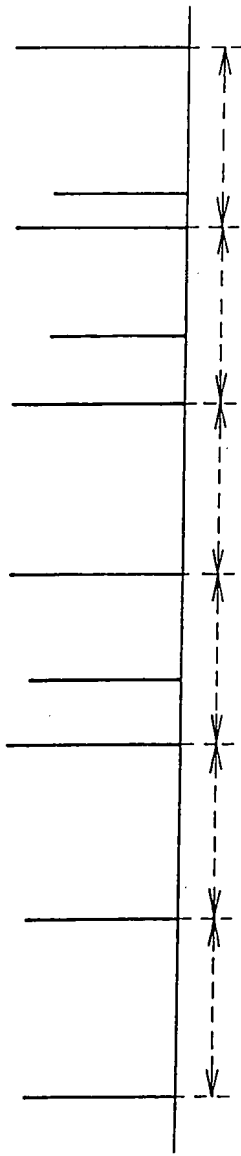
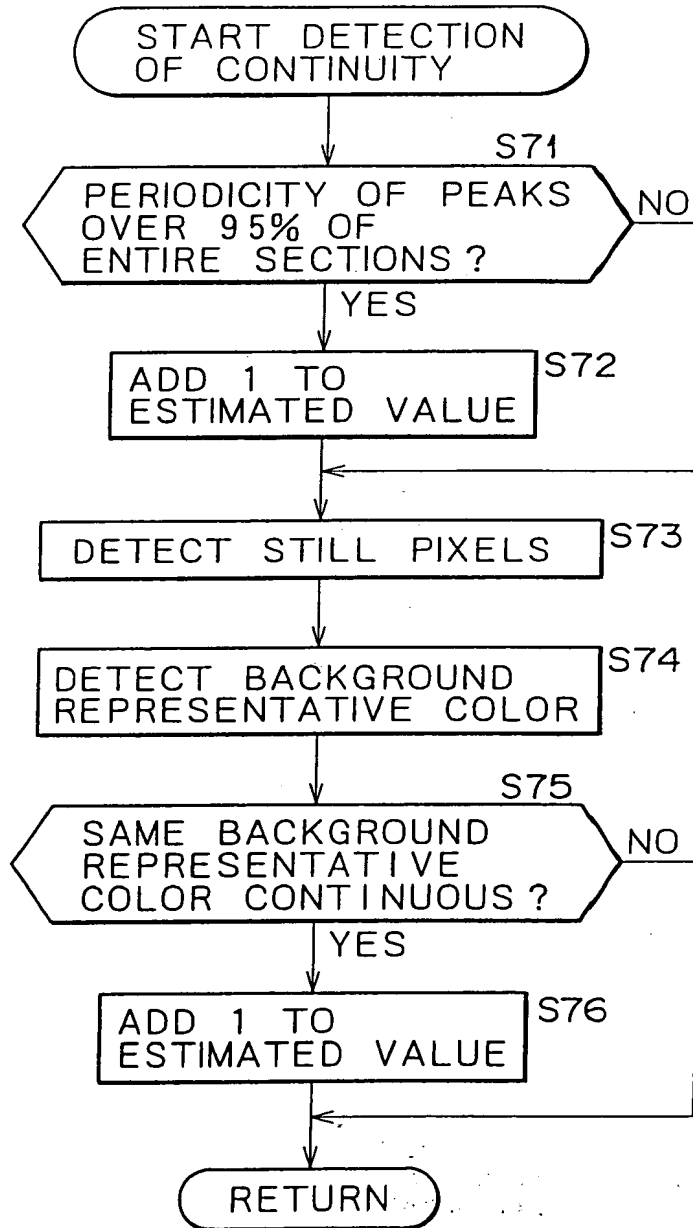


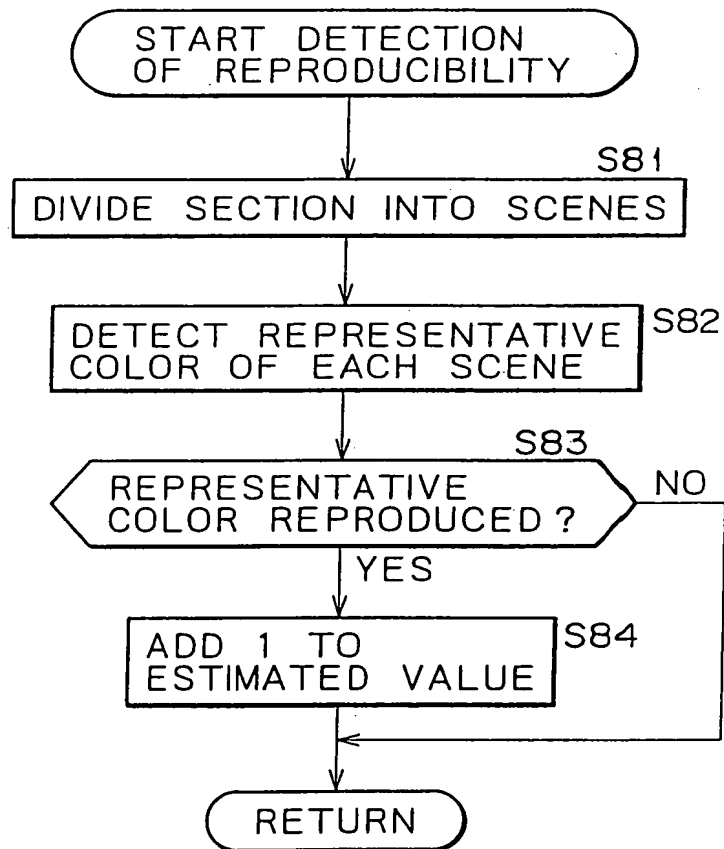
FIG. 22B

FIG. 23



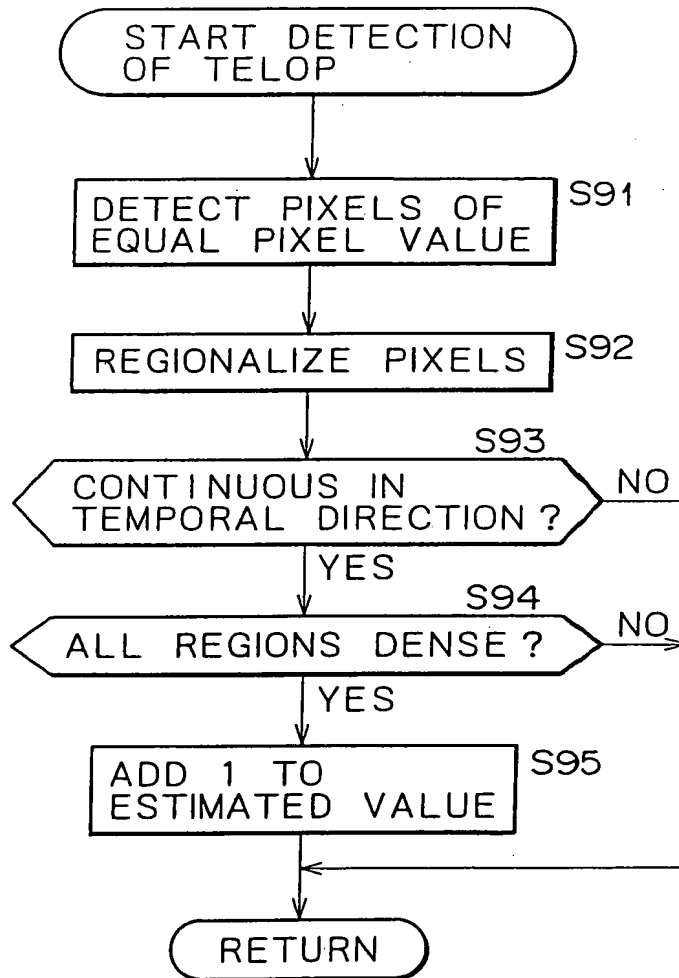
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FIG. 24



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FIG. 25



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FIG. 26A

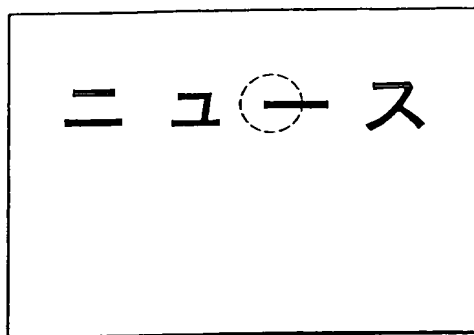


FIG. 26B

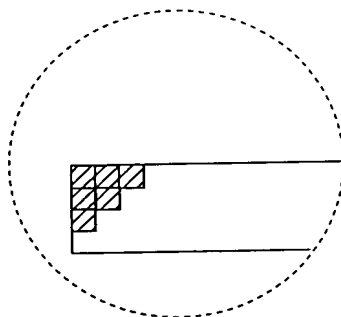


FIG. 26C

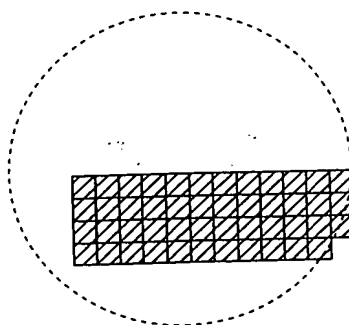
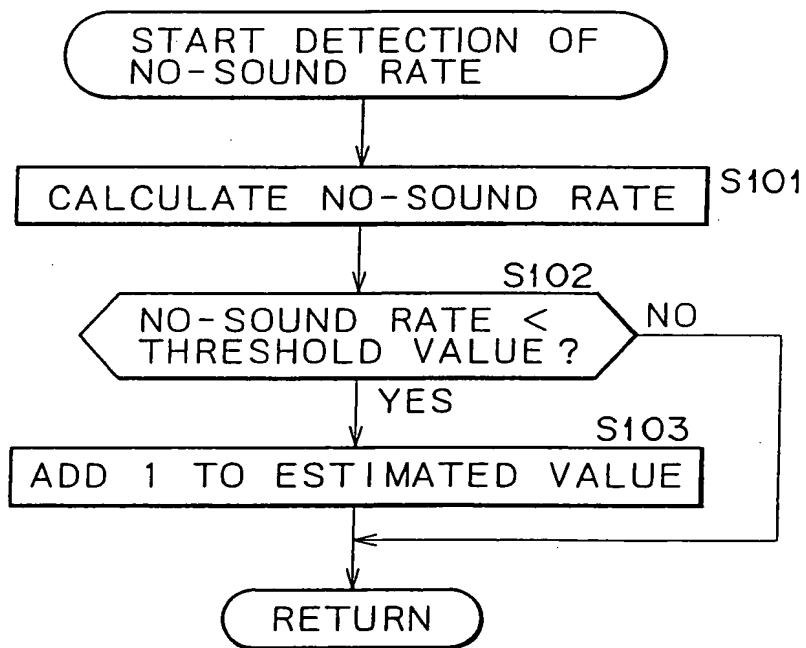
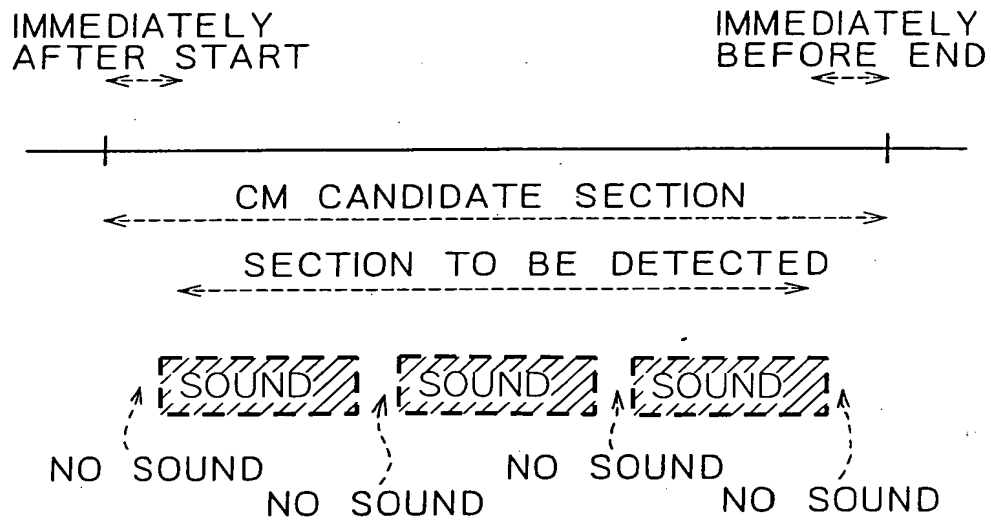


FIG. 27



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FIG. 28



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SECRET

FIG. 29

